

## **ABSTRACT**

The present invention concerns a methodology for designing and manufacturing one from a family of vehicles. The family includes a first land vehicle including one of a motorcycle, a snowmobile, and an all terrain vehicle. The first land vehicle has a V-type engine and a first transmission operatively connected to the V-type engine. The first transmission is a separate component from the engine. The family also includes a second land vehicle including one of a motorcycle, a snowmobile, and an all terrain vehicle. The second land vehicle has the V-type engine and a second transmission operatively connected to the engine. The second transmission is a separate component from the engine. In addition, the second land vehicle is any land vehicle other than that selected for the first land vehicle. Alternatively, the second land vehicle is one of a personal watercraft, a boat with an inboard engine, and a boat with an outboard engine.